

IN THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A solid-state imaging device comprising:
 - a plurality of light-receiving units two-dimensionally arrayed in a semiconductor substrate;
 - a filter unit operable to transmit incident light of selected wavelengths to the plurality of light receiving units; and
 - a light shielding unit operable to shield incident light, the light shielding unit having a plurality of apertures, each aperture opposing a corresponding light receiving unit, wherein on a path of incident light from the light shielding unit to the plurality of ~~light-shielding~~ light-receiving units, the filter unit is disposed between the light shielding unit and the plurality of light-receiving units, and
the filter unit is composed of an inorganic material.
2. (Original) The solid-state imaging device of Claim 1, further comprising
 - a condensing unit operable to condense incident light on the corresponding light-receiving unit disposed in each of the plurality of apertures in the shielding unit.
3. (Currently Amended) The solid-state imaging device of Claim 2, wherein
 - ~~the filter unit is composed of an inorganic material~~ except for at the plurality of apertures, the light shielding unit reflects the incident light.
4. (Original) The solid-state imaging device of Claim 2, wherein
 - the filter unit has a multilayer film structure.
5. (Original) The solid-state imaging device of Claim 2, wherein
 - the filter unit is composed of photonic crystal.

6. (Currently Amended) A solid-state imaging device comprising:

a plurality of light-receiving units two-dimensionally arrayed in a semiconductor substrate; and

a filter unit operable to transmit light of selected wavelengths to the plurality of light receiving units, wherein

the filter unit is composed of photonic crystal having a microstructure of alternately layered materials that differ in refractive index and/or permittivity, a thickness of any given two contacting layers in the microstructure being of the order of a wavelength of light.

7. (Currently Amended) A camera comprising a solid-state imaging device including:

a plurality of light-receiving units two-dimensionally arrayed in a semiconductor substrate;

a filter unit operable to transmit incident light of selected wavelengths to the plurality of light receiving units; and

a light shielding unit operable to shield incident light, the light shielding unit having a plurality of apertures, each aperture opposing a corresponding light receiving unit, wherein

on a path of incident light from the light shielding unit to the plurality of ~~light-shielding~~ light-receiving units, the filter unit is disposed between the light shielding unit and the plurality of light-receiving units.

8. (Original) A camera comprising a solid-state imaging device including:

a plurality of light-receiving units two-dimensionally arrayed in a semiconductor substrate; and

a filter unit operable to transmit light of selected wavelengths to the plurality of light receiving units, wherein

the filter unit is composed of photonic crystal.

9 – 32. (Cancelled)